



- 1. Intensive training
- 2. Early intervention
- 3. Meticulous planning
- 4. Vigilant infection control
- 5. Efficient airway management
- 6. Clear communication

## USE A 'BUDDY CHECK' FOR CORRECT PPE FITTING

### Planning

Intervene early - aim to avoid emergency intubation  
 Negative Pressure room or normal pressure with strict door policy  
 Senior clinician involvement  
 Early airway assessment

### Prepare

Airway Team: 1<sup>st</sup> Operator & Assistant, Team Leader (+ *drugs*), Runners (see reverse)  
 Use COVID-19 Intubation Plan (see reverse)  
 Ensure Filter and ETCO<sub>2</sub> in ventilation circuit  
 Share Airway Plan  
 Use a dedicated COVID intubation checklist

### PPE

Hand Hygiene (HH)  
 Donning: HH > Gown > Mask > Eye-protection > Hat > Face Shield > HH > Gloves x2  
 Spotter to perform "Buddy Check" to ensure correct PPE fit  
 Airway operator double gloves

### Pre-Ox

45 degree head up position  
 Pre-oxygenate with Face Mask using 2-Hands for 5 minutes  
 ETCO<sub>2</sub> waveform on BVM  
 Discuss Apnoeic Oxygenation techniques due to aerosolization risk

### Perform

Use Video to maximise operator distance from airway  
 RSI technique: (1.5mg/kg IBW Roc OR 1.5mg/kg TBW Sux [200mg])  
 No ventilation prior to intubation  
 Wait 60 seconds for paralysis effect - avoid triggering cough  
 Use Bougie or stylet

### Post-ETT

Inflate cuff BEFORE initiating ventilation to minimise leak. Place NGT  
 Remove outer gloves, dispose of airway equipment on dirty tray  
 Doffing: HH > Visor > Gloves > Gown > HH > Hat > Eye Protection > Mask > HH  
 Use a Spotter. Shower. Document. Debrief and share lessons

**Awake Intubation**  
 Risk of aerosolization.  
 Involve Expert if this airway technique is indicated.

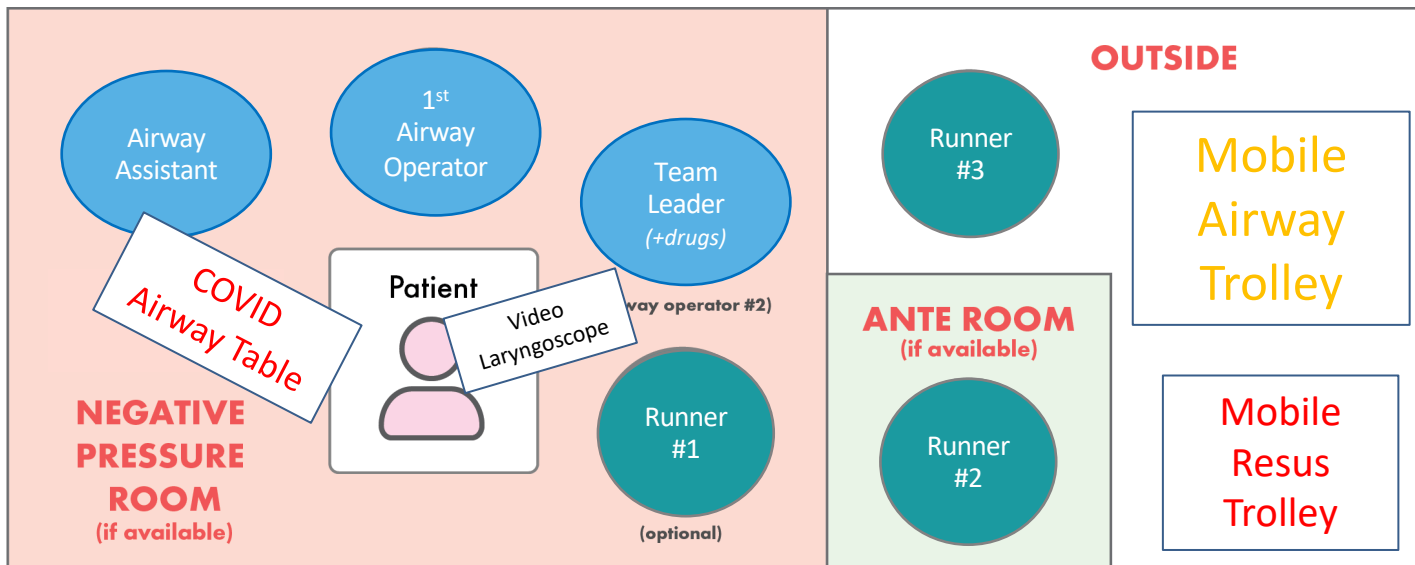
**Connection / Disconnection**  
 Apply the viral filter directly to the ETT.  
 Only disconnect the circuit on the ventilator side of the viral filter.

**CICO Rescue?**  
*Discuss risk/benefit*  
 Scalpel-bougie-tube.



# MMH\_ED COVID: AIRWAY PLAN

## Team Members



## MMH\_ED COVID Airway Table

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Video Laryngoscope ( <i>tested</i> )   | <input type="checkbox"/> SupraGlottic Airway (3.5 & 4.5) | <input type="checkbox"/> Backup Laryngoscope & Blade |
| <input type="checkbox"/> Airway Drugs & Flushes                 | <input type="checkbox"/> Syringe & Tube Tie              | <input type="checkbox"/> Dirty Tray                  |
| <input type="checkbox"/> Normal and HyperAngulated Blades       | <input type="checkbox"/> Guedel & NPA                    | <input type="checkbox"/> Suction ( <i>in room</i> )  |
| <input type="checkbox"/> ETT tubes (7 & 8)                      | <input type="checkbox"/> Lubricant                       | <u>Outside of Room</u>                               |
| <input type="checkbox"/> Bougie & Stylet                        | <input type="checkbox"/> Scissors                        | <input type="checkbox"/> Blankets                    |
| <input type="checkbox"/> Bag Valve Mask ( <b>Filter</b> & PEEP) | <input type="checkbox"/> Blue Clamp                      | <input type="checkbox"/> Stool                       |
| <input type="checkbox"/> ET CO <sup>2</sup>                     | <input type="checkbox"/> NG Tube and Bag                 | <input type="checkbox"/> Vent                        |
|   |  | <input type="checkbox"/> Transport Monitor           |
|   |  | <input type="checkbox"/> Portable Oxygen             |

## Circuit Setup

